

I would like to voice my opposition to the implementation of PLC internet service in the HF spectrum for the following reasons:

- 1) Broadband service can be obtained via satellite in rural areas where DSL or cable modem service is not available, and at rates comparable to those in the major metropolitan areas.
- 2) Tests have shown that harmful interference caused by these systems to users of the HF spectrum cannot be adequately reduced by currently employed methods.
- 3) Interference caused by these systems to users of the HF spectrum would have a detrimental effect on the usage of HF systems for life and safety communications including, but not limited to those involving ships at sea and oil rigs which rely on HF radio extensively to maintain critical communications links to the mainland.
- 4) Interference to the Amateur Radio Service caused by these technologies would have a detrimental effect on the ability of Amateur Radio Operators to provide emergency communications on a consistent and reliable basis in the event of natural disasters.
- 5) Interference to the MARS (Military Affiliate Radio Service) operators in the HF spectrum would adversely affect the service.
- 6) I have personally witnessed the effects of power line interference on the HF spectrum in a variety of circumstances without the proposed additional HF frequencies being added. This interference had the effect of making certain areas unusable for HF communications. The addition of HF frequencies to the power lines would only increase this interference.

There is an abundance of unbiased technical information available. I urge the commissioners to review the technical information before approving this technology.

I also would urge the commission to require market feasibility studies to prove that there is considerable need for, and desire for, these services before approving them.

Sincerely,

Tony L. Drake